



National Board of Navigation

CIRCULAR No. 6/1.2.1994

LIFE-SAVING APPLIANCES OF SHIPS

The National Board of Navigation (Finland) has repealed its decision of 24 April 1973 concerning life-saving appliances of ships, as from 1 February 1994.

From 1 February 1994 on, ships that have been approved in accordance with the 1973 decision shall fulfil the requirements in the Board's decision of 26 January 1987 concerning life-saving appliances of ships.

The Board's decision concerning life-saving appliances of ships, 1987 was published in the Board's Circular No. 2/1.3.1987. Additions and amendments to it, dated 1.1.1989, 19.2.1992 and 15.4.1993, which have all been published in the Circular, are reprinted in this Circular.

The 1987 decision has also been published as a booklet in Finnish, Swedish and English. The price of the booklet is FIM 55 and it can be ordered from:

Merenkulkuhallitus
Julkaisumyynti
P.O.Box 158
00141 Helsinki

or by telephone (90) 180 8214.

Heikki Valkonen
Head of Maritime Department

Pekka Korhonen
Maritime Inspector

Further information:

This circular supersedes
circulars:

Maritime Inspections Division

3/1.1.1989, 4/1.3.1992
and 9/1.5.1993

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**NATIONAL BOARD OF NAVIGATION
DECISION ON THE REPEAL OF THE BOARD'S DECISION OF 24 APRIL 1973
CONCERNING LIFE-SAVING APPLIANCES OF SHIPS**

Helsinki 10 January 1994

The National Board of Navigation has decided:

1 §

This decision repeals the Board's decision of 24 April 1973 concerning life-saving appliances of ships (1763/73/301).

2 §

This decision shall enter into force on 1 February 1994.

Helsinki, 10 January 1994

Kyösti Vesterinen
Director General

Heikki Valkonen
Head of Maritime Department

NATIONAL BOARD OF NAVIGATION DECISION**Date: 10.1.1994
No. 10/30/93**

Contents: Application of provisions concerning life-saving appliances of ships

Based on: Decree on Life-saving Appliances of Ships (29/739, Section 3)

Target groups: Shipowners, shipyards

Period of validity: 1 February 1994 - until further notice

Amends: Decision concerning life-saving appliances of ships 26 January 1987, No. 239/87/101, Section 2

**NATIONAL BOARD OF NAVIGATION
DECISION
CONCERNING THE AMENDMENT OF SECTION 2 IN THE BOARD'S DECISION
OF 26 JANUARY 1987 CONCERNING LIFE-SAVING APPLIANCES OF SHIPS**

Helsinki 10 January 1994

The National Board of Navigation has
amended section 2 of the Board's decision dated 26 January 1987 concerning life-saving appliances of ships as follows:

Section 2
Application

These provisions shall apply to ships engaged in inshore and domestic traffic and to cargo ships under 500 tons gross tonnage engaged on international voyages.

In the case of convention ships, the 1974 SOLAS Convention and the 1981 and 1983 amendments to it, as has been agreed separately, as well as sections 3, 4, 14.1.7, 25-30, 34, 35.2-4, 36-37 and 40-41 of the present provisions shall apply.

The following exceptions shall apply to existing non-convention ships that have been approved in accordance with the Board's decision of 24 april 1973 concerning life-saving appliances of ships:

- (a) the ship need not undergo structural changes;
- (b) if a lifeboat, a ship boat or their launching appliances or the launching appliance of a liferaft is replaced, the new boat or arrangement may be of the same or equivalent type as the replaced one;
- (c) the number or quality of the liferafts or buoyant apparatus need not be changed nor life-jackets replaced, if they are inspected and approved; and

(d) if other life-saving appliances than those mentioned in (b) and (c) need to be replaced, the new appliance should fulfil the requirements of these provisions.

The National Board of Navigation may, on the basis of the special type or use of the ship, when considering it reasonable and practicable, require that the ship shall carry other life-saving appliances, or appliances of another type, than those required by these provisions.

This decision shall enter into force on 1 February 1994.

Helsinki, 10 January 1994

Kyösti Vesterinen
Director General

Heikki Valkonen
Head of Maritime Department

APPENDIX

**NATIONAL BOARD OF NAVIGATION
DECISION ON LIFE-SAVING APPLIANCES OF SHIPS, 26 January 1987**

ADDITIONS AND AMENDMENTS

**Two new sections, 14a and 14b, and a table relating to them, dated 1 January 1989 (No. 1430/00/88) have been added to the decision.
The additions entered into force on 1 January 1989.**

Section 14a

Cargo Ships over 30m in Length but of less than 500 Tons
Gross Tonnage engaged in Baltic Sea Traffic

Cargo ships over 30m in length but of less than 500 tons gross tonnage engaged in Baltic Sea traffic shall carry the following life-saving appliances:

1. a rescue boat of class II;
2. a sufficient number of liferafts to ensure that the total capacity on each side will accommodate the total number of persons on board;
3. lifejackets for the total number of persons on board;
4. seven lifebuoys, two of which shall have a buoyant lifeline, another two shall have self-igniting lights and self-activating smoke signals and another two shall have self-igniting lights;
5. an immersion suit for each member of the crew;
6. a line-throwing appliance; and
7. the following distress signals:
 - 6 parachute flares;
 - 6 hand flares;
 - 3 smoke signals.

Section 14b

Cargo Ships of more than 15m but max. 30m in Length
engaged in Baltic Sea Traffic

Cargo ships of more than 15m but max. 30m in length engaged in Baltic Sea traffic shall carry the following life-saving appliances:

1. a sufficient number of liferafts to ensure that the total capacity on each side will accommodate the total number of persons on board;
2. lifejackets for the total number of persons on board;
3. four lifebuoys, two of which shall have a buoyant lifeline, another shall have a self-igniting light and a self-activating smoke signal and yet another shall have a self-igniting light;
4. an immersion suit for each member of the crew; and
5. the following distress signals:
 - 3 parachute flares;
 - 3 hand flares;
 - 2 smoke signals.

CARGO SHIPS - BALTIC SEA TRAFFIC (NEW SHIPS)

	> 15 m - ≤ 30 m	> 30 m - < 500 grt	≥ 500 grt	< 85 m ja ≤ 500 grt
Lifeboats			Annex 2-D	
Rescue boats		§ 14a 1 (II cl)	R.26.2 1 (I cl)	R.26.2 1 (I cl)
Liferafts	§ 14b 100% + 100%	§ 14a 100% + 100%	Annex 2-D	Annex 2-E
Buoyant apparatus				
Lifebuoys, ordinary		§ 14a 1	Annex 3-C-R.7.1.2-3	Annex 3-C-R.7.1.2-3
Lifebuoys with a 30 m line	§ 14b 1 + 1	§ 14a 1 + 1	R.7.1.2 min. 1 + 1	R.7.1.2 min. 1 + 1
Lifebuoys with light	§ 14b 1	§ 14a 2	R.7.1.3 min. 1/2	R.7.1.3 min. 1/2
Lifebuoys + man over b.	§ 14b 1	§ 14a 1 + 1	R.7.1.3 1 + 1	R.7.1.3 1 + 1
Immersion suits	§ 14b for each person	§ 14a for each person	§ 26.B for each pers.	§ 26.B for each person
Thermal protective aids/boat			§ 26.B 10% or 2	§ 26.B 10% or 2
Thermal protective aids/raft	§ 40/Annex 3 10% or 2	§ 40/Annex 3 10% or 2	R.38.5.1 10% or 2	R.38.5.1 10% or 2
Lifejackets, ordinary	§ 14b for each person	§ 14a for each person	R.7.2.1 for each pers.	R.7.2.1 for each person
Lifejackets, extraord.	§ 25 for watchk.	§ 25 for watchk.	R.7.2.1.2 for watchk.	R.7.2.1.2 for watchk.
Lifejackets for children			R.7.2.1.1 10%	R.7.2.1.1 10%
Lifejackets with light			R.27.2.2 all	R.27.2.2 all
Line-throwing appliances		§ 14a 1	R.17 1	R.17 1
Parachute signals	§ 14b 3	§ 14a 6	R.6.3 12	R.6.3 12
Hand flares	§ 14b 3	§ 14a 6	§ 2/14.7 12	§ 2/14.7 12
Smoke signals	§ 14b 2	§ 14a 3	§ 2/14.7 6	§ 2/14.7 6
Alarm devices		§ 29 1	R.6.4.2 1	R.6.4.2 1
EPIRB			R.6.2.3 1 + 1	R.6.2.3 1 + 1
Lifeboat portable radio			R.6.2.1 1	R.6.2.1 1
Portable radiotelephones			R.6.2.4 min. 3	R.6.2.4 min. 3
Lifeboat radio station				
Daylight signalling lamp	SLS V/11 1 (>150 grt)	SLS V/11 1 (>150 grt)	SLS V/11 1	SLS V/11 1 (>150 grt)

**Section 50.4 of the decision was amended on 19 February 1992 (No. 2/30/92).
The amendment entered into force on 1 March 1992.**

Section 50

Falls and winches

The speed at which the boats or liferafts are lowered into the water shall be not less than that obtained from the formula:

$S = 0.4 + (0.02 \times H)$ where

S = speed of lowering in metres per second and

H = height in metres from the davit head to the waterline at the lightest seagoing condition.

**Section 41.1-2 of the decision was amended on 15 April 1993 (No. 6/30/93).
The amendment entered into force on 1 May 1993.**

Section 41

Liferaft Servicing

Liferafts carried on convention ships, other ships engaged on international voyages and ships engaged in domestic or inshore traffic shall be serviced at intervals not exceeding 12 months. In special cases the National Board of Navigation may extend this period to 17 months.

Inflatable liferafts that are stored in heated storage spaces off-season and belong to ships engaged seasonally in domestic and inshore traffic shall be serviced at intervals not exceeding 24 months.
